Parts Provided (per mounting option)

DORTRONICS SYSTEMS, INC.

6510/COV	Qty.	Flush	Surface
FLUSH MOUNT TYPE ONLY			
Cover Assembly	1	X	X
#6 x 1 ¼" Phil Pan Hd Screw	4	X	X
Plastic Wall Anchor	4	X	X
6510/COV-X W/SPACER			
SURFACE MOUNT TYPE ONLY			
Solid Insert	2		X
Conduit Insert	2		X
1/2" & 3/4" Conduit Weather Gasket	2		X
3 Inch Gasket	2		X

Approvals

It has been tested and approved or listed by:

· UL Certified to meet ADA Compliance

PATENTS:
United States No. 4,267,549, Canada No. 1,147,828

Specifications

Polycarbonate Enclosure
· Flammability - cover and frames: UL 94 V-2,
· Cover wall thickness 0.12 inches

Gaskets
3" Gasket - Neoprene 1/8"
Mounting Gasket (embedded in housing at factory prior to shipping) - Two part polyurethane
1/2" or 3/4" Conduit Weather Gasket - Closed Cell IV-2

Temperature Range

Electronics Operating Range: -40° to 120°F (-40° to 49°C) **Below -4°F (-20°C), a remote**

· **power source is recommended**

· Polycarbonate Rated: -40° to 284°F (-40° to 140°C)

Warranty

Three year guarantee against breakage of polycarbonate in normal use (one year on electro mechanical and electronic components).

Important Notice (when used on fire systems)

The Unit is intended to be used in areas where the incidence of false fire alarms from manual pull stations is high or has proven to be a serious problem. Any disadvantage of this device is more than balanced when one considers the consequences of false fire alarms, especially if fire service personnel and equipment are responding to a false fire alarm when they are needed for a real fire somewhere else. Add to this, the disruption to the facility when false alarms occur. If you have, or may have, a problem with false fire alarms or physical/weather damage to your fire alarm activation devices, the Unit could prove invaluable.

Installation Notes

· When properly installed, the operation of this cover will not interfere with the function of your life safety system.

· If mounting to an uneven surface, a backplate is recommended to help ensure proper sealing to mounting surface.

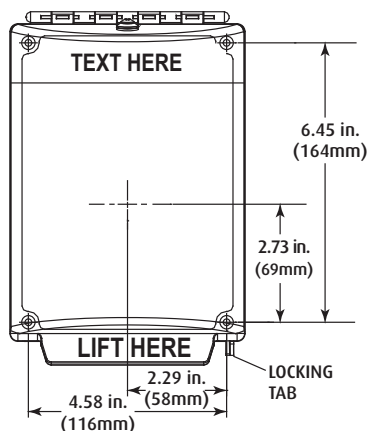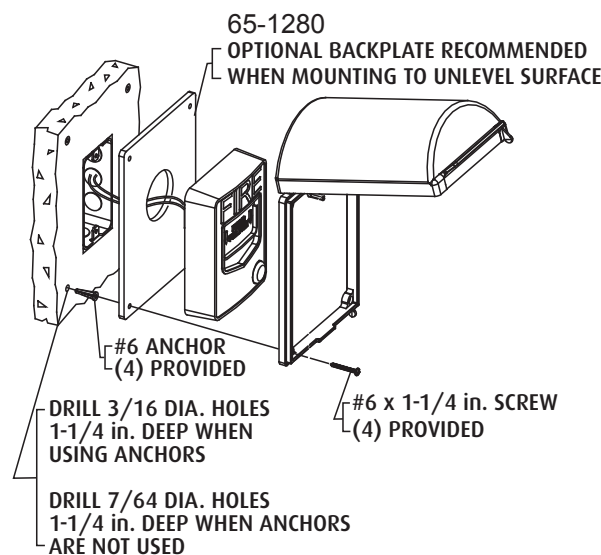· The backplate may be drilled if wire access or screw mounting holes are needed.
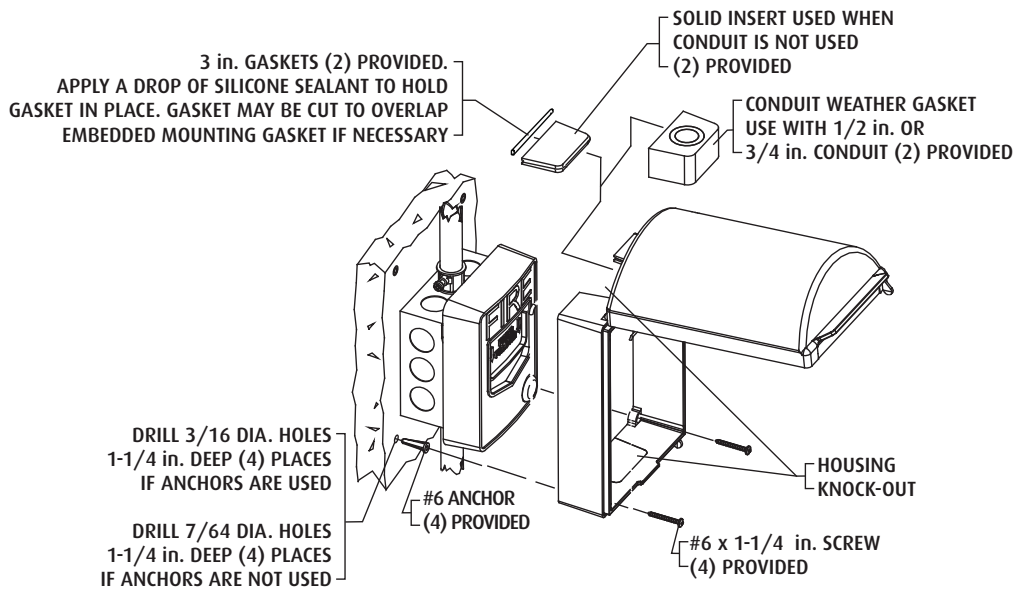

Fig. 1

Installation Instructions

1. Center the pull station with the help of the dimensions in Fig. 1. Open cover and use the mounting frame or optional backplate to mark the mounting hole locations as in Fig. 1. **Be sure the entire cover travel will not interfere with operation of the pull station or other safety system equipment when installed.**

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2. If drilling into wood, four #6 x 1 ¼" screws (provided) should be used without anchors and the mounting holes should be drilled 7/64" diameter to a depth of 1 ¼". If drilling into masonry or drywall (sheet rock), the wall anchors (provided) should be used and the mounting holes drilled 3/16" diameter to a depth of 1 ¼".

3. Refer to Fig. 2 and 3 for illustrations of the different mounting configurations
(FLUSH or SURFACE). For additional seal reliability, a silicone sealant may be applied between optional backplate and wall.

4. (For the SURFACE mounting option only) Note that the inserts fit flush to the housing only in one orientation (see Fig. 4). Prior to applying either of the Conduit Weather Gaskets, ensure proper orientation and fit of the desired inserts from the top or the bottom of the housing.

5. (For the SURFACE mounting option only) After noting the proper insert orientation, fit the appropriate Conduit Weather Gasket size (1/2" or 3/4") to the conduit. Then fit the gasket to the Conduit Insert or directly to the housing knock-out. Repeat this step with the appropriate installation on the opposite. **For additional seal reliability, a bead of silicone may be applied to the conduit fitting.**

6. (For the SURFACE mounting option only) Use the 3" gaskets (provided) to complete the seal across the top and bottom insert locations. Overlap 1/8" of the existing Mounting Gasket on the body, run the cord into the preformed channel until it overlaps 1/8" of the opposing Mounting Gasket. **The 3" gasket may need to be trimmed for a proper fit and seal.**

7. Align mounting holes in frame to the screw holes made in the wall. If applicable, ensure a proper seal is made between the wall and the Mounting Gasket If needed, use optional Backplate .

8. Close cover.

Fig. 2 - FLUSH MOUNTING OPTION
6510/COV

65-1280
OPTIONAL BACKPLATE RECOMMENDED WHEN MOUNTING TO UNLEVEL SURFACE

#6 ANCHOR (4) PROVIDED

#6 x 1-1/4 in. SCREW (4) PROVIDED

DRILL 3/16 DIA. HOLES 1-1/4 in. DEEP WHEN USING ANCHORS

DRILL 7/64 DIA. HOLES 1-1/4 in. DEEP WHEN ANCHORS ARE NOT USED

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Fig. 3 - SURFACE MOUNTING OPTION
6510/COV-X

SOLID INSERT USED WHEN
CONDUIT IS NOT USED
(2) PROVIDED

3 in. GASKETS (2) PROVIDED.
APPLY A DROP OF SILICONE SEALANT TO HOLD
GASKET IN PLACE. GASKET MAY BE CUT TO OVERLAP
EMBEDDED MOUNTING GASKET IF NECESSARY

CONDUIT WEATHER GASKET
USE WITH 1/2 in. OR
3/4 in. CONDUIT (2) PROVIDED

DRILL 3/16 DIA. HOLES
1-1/4 in. DEEP (4) PLACES
IF ANCHORS ARE USED

#6 ANCHOR
(4) PROVIDED

DRILL 7/64 DIA. HOLES
1-1/4 in. DEEP (4) PLACES
IF ANCHORS ARE NOT USED

HOUSING
KNOCK-OUT

#6 x 1-1/4 in. SCREW
(4) PROVIDED

Gasket Installation

Use of gaskets is necessary to ensure a proper seal in weatherproof applications. The cover ships complete with all necessary gaskets and should be used accordingly. The Mounting Gasket is included on all products and is embedded in the factory prior to shipping. Two 3" gaskets are shipped with the SURFACE mount Unit refer to Step 8 in the installation instructions. Each 3" gasket is intended to be used with the inserts also shipped with the SURFACE mount Unit. To install, the insert should first be fitted in place in the correct orientation. Then, overlap 1/8" of the existing Mounting Gasket on the Unit housing, run the cord into the preformed channel until it overlaps 1/8" of the opposing Mounting Gasket.

Polycarbonate Cleaning Instructions

Rinse with water to remove abrasive dust and dirt. Wash with soap or mild detergent, using a soft cloth. Rinse once more then dry with a soft cloth or chamois. Exercise caution when using water inside enclosure. Make sure unit is completely dry inside before reassembling. To remove grease or wet paint from exterior of cover, rub gently with a soft cloth thoroughly wetted with Naptha. Then wash and rinse. **Do not use razor blades.**

OPTIONS

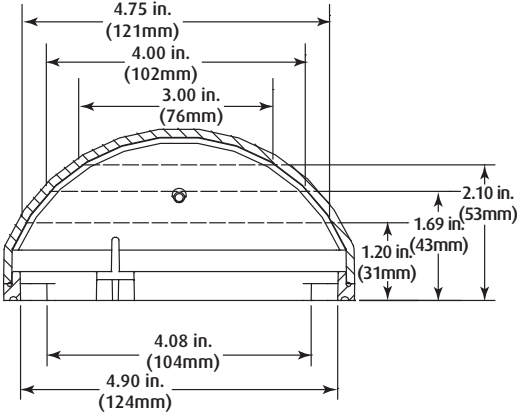| Part Number	Description
65-1280	Backplate

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6510/COV

Product Dimensions
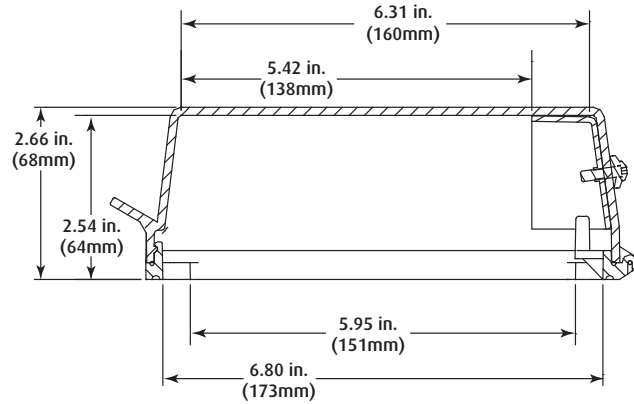
EXTERNAL DIMENSIONS
- FLUSH #6510/COV   5.4 W x 8.15 H x 2.66 in. D (137 x 207 x 68 mm)
- SURFACE #6510/COV-X   5.4 W x 8.15 H x 4.00 in. D (137 x 207 x 102 mm)

6510/COV

FLUSH MOUNT DIMENSIONS

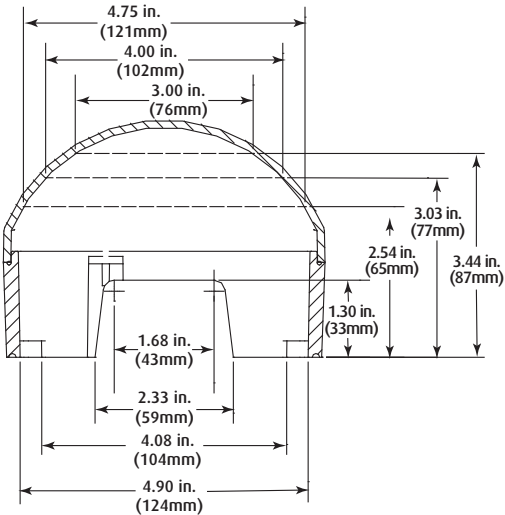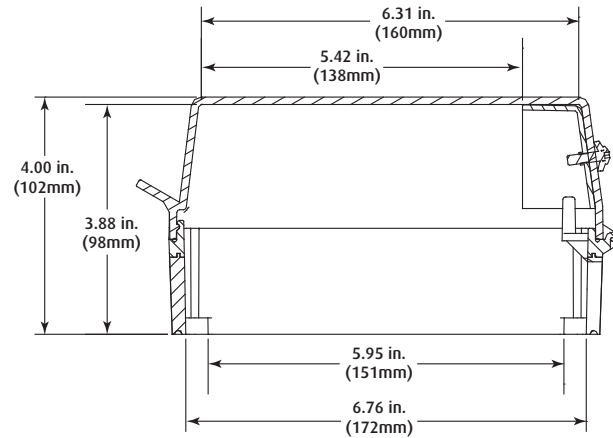END VIEW   SIDE VIEW

6510/COV-X

SURFACE MOUNT DIMENSIONS

END VIEW   SIDE VIEW